

WHAT IS CLAIMED IS:

1. A communication device comprising:  
a display unit which displays prescribed information;  
an instant message generating unit which generates an instant message from the prescribed information; and  
a transmission unit which transmits the generated instant message to a client that can use instant message service.

2. The communication device according to claim 1, wherein the instant message generating unit simplifies the prescribed information to generate the instant message.

3. The communication device according to claim 1, wherein the instant message generating unit generates detailed information regarding the prescribed information as the instant message.

4. The communication device according to claim 1, wherein when the instant message corresponding to the prescribed information displayed at the display unit can be transmitted to the client, the display unit proceeds to an energy saving mode.

5. The communication device according to claim 1, further comprising:

a destination information storage unit which stores destination information of the client that can use the instant message service;

wherein the instant message is transmitted to a destination stored in the destination information storage unit.

6. The communication device according to claim 5, further comprising:

an attribute information storage unit which stores attribute information of the destination;

wherein the instant message generating unit generates an instant message by referring to the attribute information stored in the attribute information storage unit.

7. A communication device comprising:

means for displaying prescribed information;

means for generating an instant message from the prescribed information; and

means for transmitting the generated instant message to a client that can use instant message service.

8. The communication device according to claim 7, wherein the means for generating the instant message simplifies the prescribed information to generate the instant message.

9. The communication device according to claim 7, wherein the means for generating the instant message generates detailed information regarding the prescribed information as the instant message.

10. The communication device according to claim 7, wherein when the instant message corresponding to the prescribed information displayed at the means for displaying can be transmitted to the client, the means for displaying proceeds to an energy saving mode.

11. The communication device according to claim 7, further comprising:

means for storing a destination of the client;

wherein the means for transmitting the instant message transmits the instant message to the destination stored in the means for storing the destination.

12. The communication device according to claim 11, further comprising:

means for storing attribute information of the destination;

wherein the means for generating the instant message generates the instant message by referring to the attribute information stored in the means for storing the attribute information.

13. A communication method comprising:

collecting prescribed information in a device;

displaying the prescribed information at a display unit of the device;

generating an instant message from the prescribed information;

and

transmitting the generated instant message to a client that can use the instant message.

14. The communication method according to claim 13, further comprising:

obtaining attribute information regarding the client that can use the instant message; and

generating the instant message from the prescribed information in accordance with the obtained attribute information.

15. The communication method according to claim 13, comprising:

generating the instant message by simplifying the prescribed information in accordance with the attribute information.

16. The communication method according to claim 13, comprising:

generating the instant message including detailed information of the prescribed information in accordance with the attribute information.

17. The communication method according to claim 13, comprising:

transmitting a plurality of instant messages according to the attribute information for each client.

18. The communication method according to claim 13, further comprising:

switching the display unit to an energy saving mode after transmitting the instant message.

19. The communication method according to claim 13, further comprising:

determining whether there is a client that can use the instant message; and

displaying the instant message at the display unit when there is the client that can use the instant message.

20. The communication method according to claim 13, further comprising:

transmitting the instant message to an instant message server; and

transmitting the instant message immediately from the instant message server to the client.